SOUTHERN PACIFIC
MIKADO TYPE

Feb Dely 1917

FIRE FILE

LIMA LOCOMOTIVE CORPORATION

LIMA, OHIO, U. S. A.

DIRECT LOCOMOTIVE
PURCHASING ORDER SHEET

Order No. 5422-23 1916

Order No. 19

Order No. 19

Order No. 19

Order No. 19

Order No. 19

Order No. 19

Order No. 19

Order No. 19

Order No. 19

5422-5423

INSPECTION

ROBERT W. HUNT & CO.
2200 INSURANCE EXCHANGE
CHICAGO, ILL

J. D. ISAACS. { CONSULTING ENG. SOUTHERN PAC. CO.
165 BROADWAY NEW YORK N.Y. } WILL HAVE CHARGE

2 copies of order to Isaacs.

L. E. D. 66

ADDITIONS.

4-11-17	10: 10,11,12,9,4,5,6,7,8,3,20,27,28,29,30,15,16,17,39,40,41,42,43,44,45,54 ✓
"	11: 1,5,6,7,11,12,16,17,18,19,20,21,22,23,24 TO 30. ✓
4-12-17	2: 3 ✓
4-25-17	5: 45 a 4/26 ✓
5-17-17	6: 34,35 ✓
5-18-17	6: 36,37 ✓
5-19-17	6: 38,39,40 41,42 ✓
5-21-17	6: 43,44,45 ✓
5-28-17.	2: 20,21 ✓
5-30-17.	6: 46 TO 53 ✓
6-1-17	6: 54,55,56. ✓
"	4: 18. ✓
6-7-17	15: 49 ✓
6-11-17	11: 8 ✓
"	13: 1 TO 10 ✓
6-13-17	10: 15 ✓
"	5: 59,60,61,62 "a 6/18" ✓
6-14-17	6: 57 ✓
6-18-17	7: 60 ✓
"	6: 58 ✓
"	14: 25 ✓
6-19-17	13: 11 TO 17 ✓
6-20-17	6: 13,14,15 ✓
6-21-17	12-22. ✓
6-27-17	6-59 ✓
6-29-17	4: 28 ✓
7-2-17	11: 31 ✓
7-7-17	6: 60
7-11-17	4: 60
8-31-17	15: 50

...ssue 7-1-16

...GES

...FUR. BY. R. R. Co.

Date	CHANGES Page	Items	
7-27-16	1	18, 19	✓
8-3-16	1	18	✓
9-8-16	8	1, 2, 3, 4.	✓
9-12-16	3	33, 35	✓
9-20-16	8	23, 24	✓ 9/27
"	9	37	✓ 9/27
9-28-16	11	32, 33	✓ 9/29
9-29-16	4	16	✓ 9/30
10-5-16	10	13, 22, 24, 25, 26, 47, 51	✓ 10/6
10-6-16	1	19	✓ 10/7
10-12-16	1	15, 16	✓ 10/13
"	12	9, 11, 21	✓ 10/16
10-16-16	8	2, 3, 4, 61	✓ 10/18
10-18-16	8	2, 3, 4	✓ 10/19
"	1	12 Not ord.	✓
10-31-16	8	37	✓ 11/1
"	5	34 37	✓ 11/1
11-2-16	1	55 Not ord Stock	✓
11-21-16	5	18, 19	✓
12-14-16	1	15, 16	✓ 12/15
1-10-17	8	23	✓ 1/11
1-12-17	8	34	✓ 1/13
1-22-17	14	21 ok before ord	✓
"	15	35, 36	✓ 1/23
2-15-17	15	39 ok before ord.	✓ 2/16
4-9-17	4	59 Here	✓
4-30-17	9	1-TO 62 Inclusive Cancelled	✓ 5/1
5-14-17	11	3	✓ 5/15
5-16-17	1	1, 3, 5 Op Stock	✓
5-22-17	12	12	✓
5-25-17	1	28 Stock	✓
5-30-17	3	32, 36	✓
6-9-17	10	33	✓
6-11-17	6	31 a 6/14	✓
6-13-17	10	33	✓
		35, 48	✓
			✓
		Stock.	✓

1-15-17	5	46
1-22-17	4	19
"	15	41 TO 46
2-28-17	11	41
3-5-17	12	14
3-3-17	10	56
"	11	3
3-14-17	10	36, 58, 59
3-15-17	6	29
3-2-17	10	31, 1, 2
3-21-17	11	13, 14
"	15	48
"	9	1 TO 17
7-31-17	6	24

POSTAL TELEGRAPH – COMMERCIAL CABLES

CLARENCE H. MACKAY, PRESIDENT.

RECEIVED AT

TELEGRAM

DELIVERY NO.

The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this message subject to the terms and conditions printed on the back of this blank.

18Dbl—619 DESIGN PATENT No. 40529

19 C Ca 11 1o3 P

Madison Wis Nov 5-17

Will call -102

Lima Loco Wks,
Lima O.

Expressing today one cast iron chain sprocket for sixty inch mill.

Gisholt Mchy Co

DUPLICATE OF TELEGRAM TELEPHONED

To CA By HD at 1:57

61

ue 7-1-16

ADDITIONS AND CHANGES

NOTE—SPECIAL TIES, SPECIFICATIONS, & SCHEDULES—ARE ON PAGE 8 WHICH SHOW MATERIAL FUR. BY. R. R. CO.

Date	Page (Additions)	Items (Additions)	Date	Page (Additions)	Items (Additions)
9-6-16	1	16,15	10-5-16	6	25,26,27,28
"	1	17,24	"	10	23,48,49,60,61,55
"	8	1,2,3,4,5,6	"	4	10,11,12,13,14 8,7,17
"	2	14	"	3	9,10,11
"	5	1,2,3,4,8,56	"	2	47
9-8-16	8	7 TO 61 INC.	10-6-16	10	57
9-9-16	3	38,39	10-9-16	7	39,48,49,36,37,38,15,3,4,
"	1	23	"	7	40,41,42,43,21,22,23,32,33
"	2	31	"	7	34,35,29
"	4	16	10-11-16	12	11,9,21
9-11-16	3	31,32,33,34,35,36	"	15	33,19,20,21,34,25,26
"	1	44,45,~~46~~,47,60	"	7	28
9-12-16	1	28,51,59,61,50,42,41,43,46	"	1	12 Ack 10/16
"	3	1,4,20,23	"	3	47,48,51,52 a 10/12
"	4	31,32,34,35,36	10-12-16	2	26,27,29
"	2	37	"	5	47,54
"	5	27,30	"	4	28
9-13-16	4	40,41,42,43,48,53	10-13-16	12	7,8,12,10
"	1	53,54,37,20	"	7	6,5,17
"	2	35,36,53,54,55,56,45,46	"	11	15
"	6	17,18	"	15	35,36
"	5	17,20	10-18-16	1	8
"	3	40,41,42,43	"	4	46
"	2	16,17	10-30-16	6	11
9-14-16	4	57,58,59,24,25,27	11-21-16	5	35,38,39,40
"	1	1,3,5	11-22-16	1	52,35,36
"	3	46	"	4	22,23
9-18-16	5	18,19	1-10-17	14	6,7,10,11,12,13,20,21,22,23,24,26,29,
9-20-16	3	37,24	..	14	30,33,34,35,36,37,38,41,43,44,46
"	6	8	..	14	47,48,51,52,60,1,2,3,4,5,8,9,14,15,16,17
9-26-16	7	52	..	14	18,19,25,27,28,31,32,39,40,45,49,50
9-27-16	11	32,33	..	14	53,54,55,56,57,58,59
9-28-16	8	49	"	15	37,38,39,40.
"	7	11	1-11-17	4	10 Whitaker's Stock
"	10	18,19	"	2	51,52,60,61 stock
9-27-16	2	57	1-12-17	4	5-9 Whitaker 1/13
9-30-16	10	13,24,25,26,47,51	1-30-17	15	47
10-3-16	10	22	2-15-17	15	28
10-4-16	3	21	2-23	10	37
"	6	12	2-26	5	15 a 2/28
1-15-17	5	46	"	11	34,35,36
1-22-17	14	19	2-27	11	38
"	15	41 TO 46	"	10	14
2-28-17	11	41	3-22-17	9	18 TO 25
3-5-17	12	14	"	6	30,31,32
3-13-17	10	56	"	10	52,53
"	11	3	3-26-17	9	26 TO 34
3-14-17	10	36,58,59	3-29-17	9	35 TO 39.
3-15-17	6	29	4-2-17	14	17
3-21-17	10	31,1,2	"	9	40 TO 45
3-21-17	11	13,14	"	10	38
"	15	48	4-3-17	9	46 TO 57.
"	9	1 TO 17	"	5	5
7-31-17	6	24	"	6	33
			4-4-17	10	33
			4-9-17	5	22 a 4/10
			4-10-17	9	58 TO 62

Date (Changes)	Page	Items	
7-27-16	1	18,19	
8-3-16	1	18	
9-8-16	8	1,2,3,4.	
9-12-16	3	33,35	
9-20-16	8	23,24	9/27
"	2	37	9/27
9-28-16	11	32,33	9/29
9-29-16	4	16	9/30
10-5-16	10	13,22,24,25,26,47,51	10/6
10-6-16	1	19	10/7
10-12-16	1	15,16	10/13
"	12	9,10,21	10/16
10-16-16	8	2,3,4,61	10/18
10-18-16	8	2,3,4	10/19
"	1	12 Not ord.	
10-31-16	8	37	11/1
"	5	34 37	11/
11-2-16	1	55 Not Ord	
11-21-16	5	18,19 Stock	
12-14-16	1	15,16	12/15
1-10-17	8	23	1/11
1-12-17	8	34	1/13
1-22-17	14	21 ok before ord	
"	15	35,36	1/23
2-15-17	15	39 ok before ord.	2/16
4-9-17	4	59 Here	
4-30-17	9	1-TO 62 Inclusive Cancelled	5/5
5-14-17	11	3	5/15
5-16-17	1	1,3,5 ~~Stock~~	
5-22-17	12	12	5/22
5-25-17	1	28 Stock	
5-30-17	3	32,36	
6-9-17	10	33	
6-11-17	6	31 a 6/14	
6-13-17	10	33	
6-14-17	1	13,14	6/5
6-21-17	15	25,26,33,35,48	
"	6	33	
7-6-17	14	25	
7-10-17	6	58	
7-14-17	6	29 Stock	

Loco. No. 5422-23 **Purchaser** Southern Pacific R.R **Date Delivery** **Date Order Received**

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Article	Description	Special Material Spec. No.	Special Material Date Accepted	Ordered from MFGR. Name	Address	Requisition No.	Requisition Date	Pur. Dept. Order No. Date	Date Required	Date Promised	Date Invoice	Date Received	Tracing Reference
1	3	1		1-SET	~~Ash~~ OIL Pan Plate	M.O.-1903 -A- 5-19-17	S.P. C.S-3		Carnegie				9-18-16 90-50					
2	4			—	" " " Perf.													
3	5	1		1-SET	" " " Angles	M.O-1903 -A- 5-19-17	S.P. C-S-25	REV. 6-1-11	Stock									
4	5			—	" " Netting													
5		1			" " TUBING	M.O-1903 -A- 5-19-17.	S.P. C.S.4	REV. 12-27-15	Litts S. Products				9-25-16. 90-61			C 11-20-16	12-5-16	
6	5			—	Asbestos Rope													
7																		
8		1		75 LBS	BABBITT	S.P.R.R. SPEC. C.S. 12 - SECTION 3		REV. 1-29-15	Hoyt Metal Co.				11-10-16. 90-92			C 12-2-16	12-16-16	
9	5			FUR. S.P.	Bell	PAGE 8												
10	5				" Ringer	PAGE-8 see page 8.												
11	5			—	" Cord Bushings													
12		1		~~450~~ 375 LBS	BABBITT	S.P.R.R. SPEC. C.S.-12-SECTION 5	~~S.P. C.S.12~~	REV 1-29-15	Hoyt Metal Co.				11-10-16. 90-92			C 12-2-16	12-16-16	
13	1	2		1 set	Boiler—Flange Steel	M.O. 1846 -A 6/18 OK Dec 10th	S.PAC CS-3		OTIS							C 1-24-17		
14	1	2		1 set	" Fire Box Steel	M.O. 1846 -A	S.PAC CS-3		OTIS				90	7-21-16.		C		
15	1	2		365 FT.	" Staybolt Iron	7/8" ~~1"~~ 7/8" DIA.	S-PAC. C.S. 6		Stock Sharpley 10/16									
16	1	2		220 FT ~~830 ft~~	" " "	7/8" ~~1"~~ 7/8" "FALLS HOLLOW STAYBOLT IRON	S.P. C.S-6		FALLS HOLLOW				9-18-16. 90-52	10 1/4		~~33 6-21-17~~ C 7-24-17	~~6-25-17~~ 7-25-17	
17	1			FUR. BY S.P.R.R.	" " Flex.	SEE PAGE 8												
18	1	2		275	" Tubes	20'-7" LONG, .125 M.M. GAUGE THICK, 2" O.S. DIA. ~~Seamless SPELLERIZED~~ STEEL	S.PAC CS-~~3~~ 4		NATIONAL TUBE CO.				90-1	7-26-16.		C 6/26/17	7/16/17	
19	1	2		36	" Flues (LIMA CO. 310-D-342)	~~20'-7 1/2" LONG 150 MM THICK, 5/8" 3" O.S. DIA SEAMLESS STEEL~~	S.PAC CS-~~3~~ 4		Pgh. Steel Products Co				90-2	7-26-16.		C 7-27-17	8-3-17	M
20	2	2		275 36	SEAMLESS COPPER Ferrules	1.854" I.S.D. 1.984 O.S.D. X 5/8" WIDE 4 1/2" I.S.D. 4 5/8" O.S.D. X 5/8" WIDE	67		Cleve Cop Ferrule				90-58	9-21-16.	52	Clev		
21	2			—	" Check Flanges													
22	3			—	" Rivets	2 PCS. 6"X5 1/4"X18" / 2 " 6"X5 1/4"X15" / 2 6"X5 1/4"X10 1/2" } 39 LB PER. FT { 2 PCS. 6"X5 1/4"X12" / 2 " 6"X5 1/4"X9 1/4" / 2 " 6"X5 1/4"X7" } O.H. STEEL			Stock									
23	1	2		—	" Tees													
24		2		735 FT	" STAYBOLT IRON	15/16" DIA.	S.PAC. C.S. 6		Stock									
25	4			—	Blowoff Cock													
26																		
27	3			—	Bolt Iron													
28	2			1-set	Billets	BILLETS LIST #5422-A 5-25-17	SEE BILLET LIST.		Andrews		9-18-16 90-48		9-18-16. 90-49		59			
29	3			FUR. BY S.P.	Brakes—Operating	PAGE-8												
30																		
31	3			S.P.	Brakes—Foundation	PAGE-8												
32				S.P.	" SHOES	" 8												
33																		
34	5			S.P.	Bumper—Front	PAGE-8												
35	4			—	" Plate													
36	4			—	" "													
37	5	4		1-PC. 1-PC.	" Back (TAIL BAR)	40 1/2"X2"X7" 40 1/2"X1 1/2"X7" MILD STEEL	S.P. CS-6	REV 5-4-15	Stock									
38	5			—	" Timber													
39	3			—	Bushings—Cylinder													
40	3			—	" Valve													
41		4		7-FT.	CAB BRKT. ANGLE	2 1/2"X2 1/2"X1/4"	O.H. STEEL S.P. C.S. 25	REV 6-1-11	Stock									
42		4		24-FT.	" " "	2"X2"X1/4"	O.H. STEEL S.P. C.S. 25	6-1-11	Stock									
43	3	5		1	Cab—Apron	92 1/2"X25"X3/16"			Stock									
44	3	4		1-SET	Cab—Plate	M.O. 1414	S.P. C.S.-3		Otis				9-18-16. 90-51					
45	3	4		1-SET	" Angles	M.O. 1414	S.P. C.S. 3		Stock									
46	3	5		1	" ~~Tees~~ FIRING DECK PLATE	64 1/2"X27 1/2"X1/4"	S.P. C.S-3		Stock									
47	3	4		1-SET	" Beading	M.O. 1414	S.P. C.S. 3.		Stock									
48	5			—	" Curtain													
49	5			—	" Sash Locks													
50	3	5		2	" Bracket	61"X34 1/2"X3/8"	S.P. C.S-3.		Carnegie				9-18-16. 90-53					
51	3	5		2	" Side Sheets	42"X31 1/2"X1/8"	S.P. C.S-3		Stock									
52	5			—	Cylinder Cocks													
53	3	7		2	Cylinder Casing—F.	38 1/2" DIA. X 1/4" PLATE	S.P. C.S-3		Carnegie				9-18-16. 90-53					
54	3	7		2	" " R.	40" DIA. X 1/4" PLATE	S.P. C.S-3											
55	2			~~2~~	Crank Pin—Main	~~M.O. 1448 OPEN HEARTH STEEL, HEAT TREATED OIL QUENCHED AS PER AM. SOCIETY FOR TESTING MATERIAL SPEC. SERIAL DESIGNATION A-19-14 - S.P.R.R. SPEC~~	(SEE BILLET LIST)		Sharpley will make / McWoodard notified 4/2									
56	2	7		2	" " Front		"											
57	2	7		2	" " Int.		"											
58	2	7		2	" " Back		"											
59	1	5		20 FT.	~~Cylinders~~ CAB SIDE SHEET ANGLES	2 1/2"X2 1/2"X1/4"	O.H. STEEL S.P. C.S-25	REV. 6-1-11	Stock									
60		5		1-SET	CAB FUSEE BOX	M.O. 1414	S.P. C.S-3		Stock									
61		5		2	CAB. SIDE SHEET SLIDE	17 1/2"X12"X1/8"	S.P. C.S-3.		Stock									

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Article	Description	Special Material Spec. No.	Special Material Date Accepted	Ordered From Name	Ordered From Address	Requisition No.	Requisition Date	Pur. Dept. Order No. Date	Date Required	Date Promised	Date Invoice	Date Received	Tracing Reference
1	4			FUR. BY S.P.R.R.	Draft Gear—Coupler F.	PAGE-8												
2	4			"	" " " B.	" 8												
3		8		1	FRONT DRAW CASTING - COMPLETE, WITH, SHIMS, & PINS - TO CD. #270-D-222				NATL. MALL CSTG CO		A/c		4-20-17 90-134		C	7-25-17	7-27-17	
4	5			S.P.	Driving Box Cellar—Main	FRANKLIN #3 - PAGE-8												
5	5			"	" " " Inter.	" #3 " 8												
6	5			"	" " " Front	" #3 " 8												
7	5			"	" " " Back	" #3 " 8												
8																		
9	2	9		1	Driving Axles—F.	M.O-1888 — O.H. STEEL HEAT TREATED, OIL QUENCHED AS PER AM. SOCIETY FOR TESTING MATERIAL SPEC. SERIAL DESIGNATION A-19-14 - S.P.R.R. SPEC.										C 5-30-17	6-13-17	
10	2	9		1	" " Inter.	M.O 1887			Cambria Steel Co.				9-26-16			C Do	Do	
11	2	9		1	" " Main	M.O 1886		5-6934 [illegible]					90-62			C Do	Do	
12	2	9		1	" " Back	M.O 1888										C Do	Do.	
13																		
14	3			FUR. BY S.P.R.R.	Driving Wheel Tires	PAGE-8												
15																		
16	3	9		1	Dry Pipes	WROT ~~IRON~~ PIPE · 176 3/4" LONG - 8" O.S. DIA. 5/16" THICK	S.P. C.S. 7	REV. 1-27-10	Nat Tube Co				9-21-16. 90-59		2=	[illegible]		
17	4	9		2	" " Collars	COPPER - 8" I.S. DIA. 8 1/4" O.S. DIA. 3/4" LONG			Stock. Sheet Copper									
18	5			—	" " Rivets													
19																		
20		10		1 Pc.	ENG. TRUCK BOLSTER WASHER. - 11 3/4" DIA X 3/4" THICK. PLATE				~~Stock~~ -				90-149					
21		36		1 Set	ELECTRIC EQUIPMENT -	M.O. 2037. a/c 30			F. Bissell				90-150 } 6/9/17					
22	2	11		1	Engine Trucks—Axle	M.O. 1459	S.P. C.S. 2	4.70 # Pitts	Carnegie Steel Co.				9-26-16 90-63			C 12/12/16	12/21/16	—
23	3			FUR. S.P.	" " Wheels	PAGE-8												
24	3			—	" " Tires													
25	5			—	" " Cellars													
26		11		1	" " RADIUS BAR CROSSTIE	1 1/4" X 12" X 36 1/2" MILD STEEL			Carnegie				10-16-16. 90-79					
27		11		1	" " " " "	1 1/4" X 7" X 34" " "												
28	5			FUR BY S.P.	Feed Water Strainers	PAGE-8												
29	5	12		4	FRAME FILLING	38" X 10" X 1 1/4"	S.P. C.S-6	REV. 5-4-16	Carnegie				10-16-16. 90-79					
30	5			—	Fire Door													
31	2			—	" Brick	FURNISHED & APPLIED BY S.P.R.R. CO.												
32	2			—	" " Arch Tubes													
33	2			—	" " " Fer.													
34	5			—	" Extinguisher													
35		13		1	FRAME BEARER SHEET ANGLE	- 6X4 X 1/2" X 57" LONG	S.P. C.S-25	REV. 6-1-11	Stock									
36	3	13		1	Frame Bearer Sheet	48 1/2" X 30 1/2" X 1/2"	S.P. C.S-3		Carnegie				9-18-16. 90-53					
37	3	13		1	Furnace Bearer Sheet	60 1/2" X ~~28~~ 28 1/2" X 5/8"	S.P. C.S-3											
38	3			—	" " "													
39				FUR. BY	FLEXIBLE JOINTS	3/4" PAGE-8												
40	5			S.P.	Flexible Joints	1 1/2" " 8												
41				"	" "	2" " 8												
42	3			—	Fuel Box Plates													
43	3			—	" " Angles													
44	5			—	Flange Oiler													
45		11		1	FIRE DOOR SHIELD	42" X 14 1/2" X #12 B.W.G.	S.P. C.S. 3		Stock									
46		11		1	" "	38" X 4 1/2" X #12 B.W.G	S.P. C.S-3											
47		12		1	FURNACE BEARER SHEET X TIE.	(Bar soft steel) - 60 1/2" X 5" X 1 1/4"	S.P. C.S-6	REV. 5-4-15	Carnegie				10-6-16. 90-71					
48	5			—	Gaskets—Asbestos													
49	5			—	" Wire													
50	5			—	" Miss.													
51		12		1	FRAME BRACE X TIE	1 1/4" X 7" X 61 1/2" LONG	S.P.R.R. C.S. 6	REV 5-4-15	Stock 1/12					[illegible] 1/12				
52		14		2	TRAIN NUMBER INDICATOR LAMP BRACKET	PLATE - 3/8" X 15 1/2" X 24" LONG	S.P.R.R. C.S. 3		Stock									
53	3	14		1	Guide Yoke Sheet	58 1/2" X 21 1/2" X 1/2"	S.P. C.S-3		Carnegie				9-18-16. 90-53					
54	3			—	" " "													
55	3	14		1	" " Angles	6" X 4" X 1/2" X 48" LONG	S.P. C.S-25	REV. 6-1-11	Stock									
56	3			—	" " Tees													
57		14		1	GUIDE YOKE	91" X 12 1/2" X 1 3/4" (MILD STEEL			Carnegie				9-30-16. 90-65				—	
58	5			—	Gauge Cocks													
59	5			—	Gong. Cab													
60		27		1	HEADLIGHT STEP PLATE	3/16" X 8 1/2" X 24 1/2"	S.P.R.R. C.S. 3		Stock									
61		27		1 Pc.	" " TEE IRON	40 1/2" X 1 1/2" X 1 1/2" TEE IRON	S.P.R.R. C.S. 25	REV. 6-1-11	Stock -									

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1	5			—	Headlights—Oil														
2	5			FUR. BY S.P.	" Electric														
3	5				" " Switches														
4		77		1	" BRKT. PLATE 24½"X15½"X⅛"		S.P. C.S. 3		Stock										
5	5			—	Hose—Fire														
6	5			—	" Siphon														
7	5			—	" Sprinkler														
8																			
9	5			—	Inj. Connections—Steam	Included in Feed													
10	5			—	" " Water	Water Equipment													
11	5			—	" " Delivery	S.P.R.R. Schedule L-154-Rev.-6-22-14													
12																			
13	5			—	Inj. Connections—Steam														
14	5			—	" " Water														
15	5			—	" " Delivery														
16				FUR. BY S.P.	INJECTOR	PAGE-8													
17				"	Injector Checks	" 8													
18				—	" Line Checks														
19				FUR. BY S.P.	" STEAM VALVES	PAGE-8													
20	4	15		1-SET	Lagging—Boiler 85% MAGNESIA	LIMA. CO. 570-D-82			H.W. Johns-Manville				90-54	9-18-16			C [illegible]	[illegible]	
21	4	15		AMT. TO SUIT SHOP	" Cylinder 85%	"			Stock [illegible]										
22	4			—	" Felt														
23	5	15		13-FT.	" Angle Iron	1½"X2"X¼"	O. H STEEL S.P. C.S.25	REV. 6-1-11	Stock										
24				FUR. BY S.P.	BOILER CHECK 2" REVERSIBLE	PAGE 8													
25																			
26	3			—	Journal Brasses														
27	3			FUR. BY S.P.	Driving Box Brasses	PAGE-8 Main Inter. Front Back													
28	3			"	Eng. Truck "	" 8													
29	3			"	Trailer "	" 8													
30	3			"	Tender "	" 8													
31		√3		4	KNUCKLE (MAIN & INT.) PIN BUSHINGS	LIMA PAT. 200-P-1	S.P. C.S. 12	REV. 1-29-15											
32	3	√3		~~24~~	Stub (MAIN) BRASS BACK END	" " 23915-S.P.R.R. PAT. 8228	S.P. C.S-12	REV 1-29-15	→ 90-145				6/1/17				4= 6-27-17	7-2-17	
33	3	√3		2	" (MAIN CONN.) " SIDE ROD	" " 23916 S.P. PAT. L.B. 4016	S.P. C.S. 12	REV 1-29-15	Bronze Metal Co.				90-60	9-21-16					
34	3	√3		4	" " SIDE ROD ENDS	" " 23908	S.P. C.S-12	REV. 1-29-15											
35	3	√3		2	" " INT. CONN. SIDE ROD	" " 23912 S.P. PAT. L.B.-4250	S.P. C.S. 12	REV. 1-29-15	a 9/18										
36	3	√3		~~24~~	Crosshead " FRONT END MAIN ROD	" " 23910	S.P. C.S-12	REV. 1-29-15	→ 90-145				6/1/17				4= 6-27-17	7-2-17	
37		15		2	JACKET BAND (IN CAB)	72" X 30" X #18 U S G BRASS			Chas H. Besly & Co.				90-64	9-27-16			C= 12-14-16	12-19-16	
38	2	15		AMT. TO SUIT SHOP	Jacket—Boiler	AM. PLANISHED IRON #22-B.W. GAUGE													
39	2			AMT. TO SUIT SHOP	" Bands	" " " #22 " " "	Stock												
40	2	15		AMT. TO SUIT SHOP	" Cylinder	" " " #22 " " "													
41	3	15		1	Casing—Dome BOTTOM	30" X 136" X .085 THICK M.M. DEC. GAUGE													
42		15		1	" " TOP	56" DIA. X ¼" THICK			Otis				90-55	9-18-16		3rd Pass Pgh.			
43		15		1	" AUXILIARY DOME	35" DIA. X .085" THICK M.M. DEC. GAUGE													
44	5			FUR. BY S.P.	Lubricator—Cylinder	PAGE-8													
45	5			FUR. BY S.P.	" Air Pump	" 8													
46		15		1	FLOW BOWL CASING	66" X 9½" X .125" M.M. DEC GAUGE (SOFT STEEL)			Stock										
47	5	15		1	Lamp—Steam Gauge	LIMA. CO. 520-D-299 1-LIGHT OPENING	a 1/10		Dressel Ry. L. Wks.				90-89	11-2-16			C= 1-5-17	1-31-17	
48	5	15		1	" ~~Water~~ " AIR "	" " 520-D-299-2 " " 45° APART			~~ADAMS & WESTLAKE~~								C do	do	
49				FUR. BY S.P.	" INDICATOR	PAGE-8													
50	3			—	Motion Work														
51		15		1	LAMP WATER GAUGE STEAM HEAT	LIMA CO. 520-D-299-2 LIGHT OPENINGS 80° APART			Dressel Ry Lamp Works ~~ADAMS & WESTLAKE~~				90-89	11-2-16			C 1-5-17	1-31-17	
52		15		1	" LUBRICATOR	" " 520-D-299 1-LIGHT OPENING			~~" "~~ a 14/12								C do	do	
53																			
54	5			—	Oil Cups														
55																			
56																			
57	5			—	Oil Burner														
58																			
59																			
60																			
61																			

PAGE 4. ORDER SHEET

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1	5			FUR. BY S.P.	Packing—Piston Rod	PAGE-8												
2	5			—	" " " Ext.													
3	5			FUR. BY. S.P.	" Valve Stem	PAGE-8												
4	5			—	" Throttle Stem													
5		√3		1 Pc	PIPE-BRASS-TORCH	2" O.S. DIA. 3/32 THICK 18" LONG (THIS IS ENOUGH FOR 2 ENGINES)	Muttaker 1/13		Stock - Muttaker 1/16									
6	5			—	Pipe Fittings—Iron													
7	5			—	" " "													
8	5			—	" " Unions	KEWANEE												
9		√3		1 Pc	PIPE BRASS TORCH	7/8" O.S. DIA 1/16" THICK 12" LONG (THIS IS ENOUGH FOR 2 ENGINES)			Stock —									
10	4	18		1 PC.	Pipe—Copper—Branch	1" O. S. Dia. .109 "Thick 6 FT Long	S.P.R.R. C.S. 16		Muttaker 2/1							Stock 1/31		
11	4	18		2-PC'S	" " Tallow	5/8 "O. S. Dia. .109 "Thick 35' Long	S.P. C.S-16											
12	4	18		2-PC'S	" " Steam	2 1/4 "O. S. Dia. .109 "Thick 7' Long	S.P. C.S-16									C 12-1-16 = 12-19-16		
13		18		2 "	TALLOW	5/8 "O. S. Dia. .109 "Thick 34' Long	"		Amer. Brass Co.				10-18-16. 90-83					
14	4	18		1 "	" " AIR ~~Mis.~~ PUMP	5/8 "O. S. Dia. .109 "Thick 10' Long	"		Stock									
15																		
16	2			2	Piston Rods	~~M.O. 1447~~ SEE BILLET LIST.	S.P.R.R. C.S. 2											
17	3			T	" Rings													
18		√1		22	PISTON SOCKET PLUGS	1 1/2" PIPE PLUGS - SOCKET.			Crane Co				6-2-17 90-146			C d 4/18-17 6-24 DT 75%		
19	5			—	Plugs-Pipe-for C. B. Wh'ls													
20	5				Paint—Special		S.P.R.R. C-S-22											
21																		
22	3			—	Plates—Expansion													
23	3			—	" Mis.													
24		5		1	CAB VENTILATOR TOP	21" X 21" X .065" M.M. GAUGE GAV. IRON			Stock									
25		5		1	" " SIDES	70" X 8 1/2" X 065" M.M. " " "												
26	5			—	Radial Buffer													
27		5		8 FT	CAB VENTILATOR ANGLE	IRON 1 1/4" X 1 1/4" X 1/4"	S.P. C.S-25	REV. 6-1-11	Stock									
28	5	√√		1 Pc	Reach Rod POWER REVERSE	- 1 1/4" EXTRA HEAVY W.I. PIPE - 12 FT LONG.			Stock									
29	4			—	Rev. Shaft C. Bal. Spring	ITEM - 57 - PAGE - 4												
30																		
31	2			2	Rods—Parallel—Front	SEE BILLET LIST												
32	2			2	" " Int.	" " "												
33	2			—	" " Main													
34	2			2	" " Back	SEE BILLET LIST												
35	2			2	" Main	" " "												
36	2			2	" Stub Straps MAIN	" " "												
37	2			—	" " "													
38																		
39	4			—	Running Boards													
40	4	√3		1-SET	" " Plates	M.O.-1419-A.	S.P. C.S-3		Otis ~~Carnegie~~		9-18-16. 90-56							
41	4	√3		1-"	" " Cab Plates	M.O 1419-A.	S.P. C.S-3		"									
42	5			—	" " Angles													
43	5	√3		1-SET	" " Tees	M.O-1419-A.	S.P. C.S-25	REV. 6-1-11	Stock									
44																		
45	5			—	Replacing Frogs													
46	5	√√		1-SET	Reverse (Power)	TO ECONOMY DEVICES CORP. CO. 6968 COMPLETE WITH ONE VALVE CHEST OIL CUP AND ONE OIL CUP TO THE CYLINDER			ECONOMY DEVICES CORP.				10-19-16. 90-84			55 C 11-14-16 = 11-22-16		
47	5			—	" Details													
48		15		2	STEAM CHEST CASING-F	27 1/2" DIA. X 1/4" PLATE	S.P. C.S.-3		Carnegie				9-18-16. 90-53					
49	3			—	Steam Chest Valve Rings													
50	5			—	Signal Fixtures													
51	5			—	" Lamps													
52	5			—	" H. Light Shelf													
53		15		2	STEAM CHEST CASING-B	- 27" DIA. X 1/4" PLATE	S.P. C.S.-3		Carnegie				9-18-16. 90-53					
54	5			—	Sand Box Casings													
55																		
56	5			FUR. BY S.P.	Sanders—Air	PAGE-8.												
57		√√		2	REVERSE SHAFT COUNTERBALANCE SPG.	LIMA CO. 120-D-97	S.P. C.S-17									C 1-15-17 = 1-27-17		
58		√√		1	SAND BOX VALVE COIL SPRING	LIMA CO. 530-D-84	S.P. C.S-17		Ry Steel Spring Co				9-18-16. 90-57	–	–	3 AS ~~11-28-16~~ = 12-2-16		
59				~~1~~	~~RELIEF VALVE " "~~	~~" " 40-D-159~~	~~S.P. C.S-17~~									C 1-15-17 = 1-27-17		
60		√6		2 Pcs	STEAM PIPE CASING LINNER	- 24" X 20 1/2" X 3/16" PLATE.			Stock.									
61																		

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1	4			FUR. BY S.P.R.R.	Springs—Driv. Front	PAGE-8												
2	4				" " Inter.													
3	4				" " Main													
4	4				" " Back													
5		6		1	OIL FEED COCK SPRING	#7 STEEL WIRE 1 1/8" DIA. TO CENTER OF COILS. 4 1/2" COIL. 1 1/4 FREE SET.	A 4/4		Raymond Mfg.				4-11-17 90-132			C 4-24-17	5-1-17	
6	4			FUR. BY S.P.	Springs—Eng. Truck	PAGE-8.												
7	4				" " "													
8	4			FUR. BY S.P.RR.	" Trailer	PAGE 8												
9	4			—	" Draft													
10	4			—	" Coupler													
11	4			—	" Buffer													
12	4			—	" Centering													
13	4			—	" Slide Valve													
14	4			—	" Brake Cyl.													
15	4			2	" Trailer ~~Cent.~~ BOX LID.	3" X 3/16" X 11"	S.P.R.R C.S.-17						3-8-17 90-110					
16	5			—	Smoke Stack Netting													
17	3	25		1	" Box Front	90 1/2" X 1/2"	S.P. C.S-3		Carnegie				9-18-16. 90-53					
18	3	26		1-SET	" " Def. Plates	M.O.-1466 ~~A~~-B Stock	S.P. C.S-3		Stock									
19	5	26		1-"	" " " Angles	M.O-1466 ~~A~~-B	S.P. C.S-25	REV. 6-1-11										
20		25		1	" " FRONT DOOR	37" X 5/16"	S.P. C.S-3		Carnegie				9-18-16. 90-53					
21	5			—	Snow Plow													
22		5		2	CAB DOOR VENTILATOR FIXTURE SPRING	6" X 1 1/2" X 1/32" SPRING STEEL.	A 4/10		Steel Sales Corp.				4-18-17 90-134					
23	5			FUR. BY S.P.	Safety Valve— PAGE-8	Size Open Set At												
24						" Muffled Set At												
25						Connections— Male Female												
26	5			FUR. BY S.P.	Steam Gauge PAGE-8													
27		4		1	" & AIR GAUGE BRKT. (PLATE)	16" X 14" X 3/16"	S.P. C.S-3		Stock									
28	4			—	Steam Chest Covers													
29	4			—	" " Casings													
30		4		1	STEAM & STEAM HEAT GAUGE BRKT (PLATE)	16" X 9" X 3/16"	S.P. C.S-3		Stock									
31	5			FUR. BY S.P.	Steam Heat EQUIPMENT	PAGE-8												
32	5			FUR. BY S.P.	" ~~Pipe Covering~~ " GAUGE & FITTING	" 8												
33					" LESLIE REDUCING VALVE & FITTINGS	PAGE-8												
34	2			~~1~~	Super Heater	~~PAGE-8~~												
35		27		1	SUPER HEATER HEADER	TO LOCO SUPERHEATER CO'S CD. 10549-B. 4 DEEP-10 WIDE-THRU. BOLT-36 UNITS			LOCO SUPER CO				11-22-16.			1-12/30/16 1-12/30/16	1-4-17 1-10-17	
36		36		1-SET	Royalty to build Superheaters				"				90-94					
37	2	27		~~FUR. BY S.P.~~	Super Heater Tubes	~~PAGE-8~~ M.O. 1946	S.P.R.R C.S.-4	REV. 12-27-15	Pgh Steel Products				11-6-16. 90-91			C 12/13/16	Jany 8-17	
38		27		1	" " DAMPER CYL.	TO LOCO. SUPER. CO'S CD. 1149			HAMMETT				11-22-16. 90-95			C 3/10/17	3/22/17	
39		27		36	" " TUBE BANDS	TO LIMA CD. 940-D. 100			Loco Super Co				11-22-16.			C 1-26-17	1-29-17	
40		27		108	" " " SUPTS	" " " 940-D-213-COMPLETE							90-94			C Do	Do	
41	2			—	Tank—Plates													
42	2			—	" Angles													
43	2			—	" Tees													
44	5				" Strainer													
45		27		108	SUPERHEATER RETURN BENDS	THREADED & TESTED CAST. STEEL. TO LOCO. SUPER. CO'S. CD. #-10279			LOCO SUPER CO.	A 4/16			5-4-17 90-136			C 5/23/17	6/14/17	
46	5	28		1-SET	Tools—(Equip. Sheet)	LIMA CD. 520-D-338												
47		29		1	TRAILER TRUCK RADIUS BAR CROSSTIE	1 1/4" X 10 1/2" X 46" MILD STEEL			Carnegie				10-19-16. 90-85					
48	4			—	Trailer Truck—Pipe													
49	2			—	" " Axle													
50	5			—	" " Box Cellar.													
51	5			—	" " " Lid													
52	3			—	" " Wheels													
53	3			—	" " Tires													
54		29		1	TRAILER TRK RADIUS BAR CROSSTIE	1 1/4" X 7" X 30 1/2" MILD STEEL			Carnegie				10-19-16. 90-85					
55	2			—	Trailing Wheels													
56	3			FUR. BY S.P.R.R.	" Tires	PAGE-8			# Lima									
57	3	29		1	" Axle	M.O. 1458	S.P. C.S-2	5 6934	Cambria Steel Co.				9-26-16. 90-62			C 5/25/17	7-12-17	
58	5			—	" Box Cellars													
59		28		1 Pc.	TRAILER FRAME	- 2 1/2" X 8 1/2" X 138" COMERCIAL BAR.	88 6/18		Stock									
60		28		2 Pc's	" " PEDESTAL CAP.	1 1/4" X 8" X 33 " "												
61		28		2 Pc's / 1-Pc	" " / " "	2" X 8 1/2" X 34" " " / 1 3/4" X 4" X 90" " "												

+ Rec of followers of Mall or steel

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2			FUR BY S.P.	Throttle Valve	PAGE-8												
5			—	Tubing—Steel													
5			—	Valves—Special													
5				" Coal Sprinkler													
5			FUR BY S.P.	" Inj. Starting STEAM	PAGE-8												
5			—	" By Pass													
5			—	" Drain													
5	33		2	" Cylinder Relief	LIMA CO. 40-D-173			HAMMETT		a 11/1		11-15-16 90-93		C 2/28/17	3/16/17		
	34		2	" PISTON (COMPLETE)	LIMA CO. # 40-D-80			HAMMETT				10-5-16. 90-70	+	25.00 = 62.50	4-27-17 = CS-	6-4-17	
	18		2 PCS	PILOT TEE IRON PLATE	11½" X 18" X ¼"			Stock-									
	18		2 PCS	" CORNER " "	22" X 21" X ¼"												
	18		1 PC	" NOSE " "	12" X 24" X ¼												
3	34		1	Waist Sheet Plate	75½" x 27½" x ½"	S.P. CS-3		Carnegie				9-18-16 90-53					
3	34		1	" " Angle	6" X 4" X ½" X 65" LONG	S.P. CS-25	REV. 6-1-11	Stock									
3			—	" " Tees													
5			FUR. BY S.P.	Water Gauge	PAGE-8												
5			FUR. BY S.P.	Whistle	" 8												
	23	7-31-17	1 PC	RUNNING BOARD OVER PUMP — 93 X 15" X 3/16" PLATE													
	17		4	PEDESTAL BINDER	5" X 4½" X 42½"	S.P. C.S-6	REV. 5-4-15	Stock									
	17		2	" "	5" X 4½" X 41½"	"	"										
	17		2	" "	5" X 4½" X 44½"	"	"										
	17		2	" "	4" X 4" X 25½"	"	"										
	8			CROSSHEAD KEYS - CHROME VANADIUM (4½ FT)	4" X 1½" (THIS IS ENOUGH FOR 2 LOCOS)			Stock									
	13		2	FURNACE BEARER PLATE	15½" X 7" X ¾"	S.P.R.R. C.S. 6	REV 5.4.15	15 Stock									
	13		2	" " LINER	13¾" X 10" X 3/16" - BRASS	? a		90-156 6/19/17		Chas. Besly							
	13		12	" " RIVETS	COPPER ⅜" DIA. 1⅜" LONG, ROUND HEADS.			Stock —									
			~~15~~	~~WASHOUT PLUG CASING COVERS - LIMA, CO # 420-D-430~~													
	17		1	SAFETY CUTOUT PULLEY	- ADLAKE BELL CORD GUIDE # 275	a 5/18		ADAMS & WESTLAKE					90-143	5/23/17 7-5-17			
	17		1 PC	" " " CABLE	- ⅛" GALVANIZED STEEL CABLE, 60 FT LONG (THIS IS ENOUGH FOR 2 LOCOS.)								Bostwick-Brawn				5-22-17 90-141
	30		1 PC	THROTTLE LEVER LATCH SPRING	6" X 9/16" X 1/32" SPRING STEEL			Stock									
	30		1 PC	" ROD CASING	24" X 1¼" O.S. DIA X 3/32" THICK - BRASS TUBING			Stock									
	17		2	OIL HEATER ENDS	3½" TO 3" STD. PIPE REDUCER	a		Crane Co		90-142						12 4/6 - 15 - 25%	
	17		1	" " CAP	3½" STD. PIPE CAP.					5-23-17							
	17		1 PC	" " PIPE	3½" W.I. PIPE, 7 FT - 2" LONG			Stock									
	17		AMT TO SUIT SHOP	" " LAGGING	- TO CO # 380-D-19.			Stock									
	17		AMT TO SUIT SHOP.	" " JACKET	- TO CO. # 380-D-19 - #26 GALV. IRON.			Stock									
	36			TAPER PINS - CD -	CA. 4430 5422-23 THIS IS ENOUGH FOR 2 LOCOS	a 5/21											
	36			SPLIT KEYS - CD	CA. 3682 5422-23 " " " " " "			Whitman-Barnes				5-24-17 4400-115					
	14		1 PC.	PLATE COPPER FOR GASKETS	12" X 24" X #22 U.S.G.			Stock									
	5		2 PCS	CAB SEAT PLATES	26½" X 17½" X #12 SHEET STEEL			Stock									
	5		2 "	" " "	80½" X 13" X #12 " "												
	5		2 "	" " "	17" X 7½" X #12 " "												
	5		2 "	" " "	18½" X 16½" X #12 " "												
	5		48	" " UPHOLSTERY SPRINGS.	- ⅛" STEEL WIRE - 7 COILS. (THIS IS FOR. 2 LOCOS)	a 6/22									Stock		
	5		25	POUND CURLED HAIR - FOR CAB SEAT CUSHIONS.	(" " " " ")										Stock		
	5		1 PC	GREEN UPHOLSTERING LEATHER.	50" WIDE X 14 FT LONG (" " " " ") FOR CAB CUSHIONS.			Lounsbery							7-3-17 90-169		
	6		1 PC.	WHITE DUCKING	50" WIDE 12 FT LONG (" " " " ") " " "			Stock							Stock		
	5		1 PC	RED UPHOLSTERING LEATHER	- 50" WIDE X 12 FT. LONG - FOR ARM RESTS (ENOUGH FOR 2 LOCOS)												
	5		20	POUND MOSS	- FOR ARM RESTS - (ENOUGH FOR 2 LOCOS).										Stock		
	4		1 PC	PLATE. DISTRIBUTING VALVE BRACKET,	1" X 13½" X 20½"			Ryerson				~~1400~~-1 900-140	6-5-17				
	27		2 PCS	SUPERHEATER HEADER SUPPORT	- ⅞" X ~~11½~~ X 13½" PLATE. 90-172			Ryerson				100-148	6/18/17				
	26		20 FT	ASBESTOS FIRE, FELT SECTIONAL PIPE COVERING.	1½" STEAM HEAT PIPE 7/17			H.W. Johns				90-157	6/19/17			45.	1½" R 2/27
	22		1 PC	POWER REVERSE HAND LEVER BRKT -	PLATE. ⅞" X 6" X 24"	a 6/28		Ryerson.				90-165	6/30/17				
	4		1 PC	DYNAMO BRKT PLATE	- 21" X 17" X 3/16"			Stock									

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Article	Description	Special Material Spec. No.	Special Material Date Accepted	Ordered From Name	Ordered From Address	Requisition No.	Requisition Date	Pur. Dept. Order No. Date	Date Required	Date Promised	Date Invoice	Date Received	Tracing Reference
1	4	7		FUR. BY S.P.R.R.	Draft Gear COMPLETE	PAGE-8												
2	1			—	Frame—Channels													
3	1	7		1-SET	" Angles	M.O-1463	S.P. C.S-25		Carnegie				10-12-16 100-71					
4	2	7		1-"	" Plates	M.O-1463	S.P. C.S-3						10-12-16 90-74					
5		1		34	GRIP NUTS	7/8" HEX-FRONT DRAW CASTING			Grip Nut Co				10-16-16 90-80			C 12-1-16	12-15-16	
6		1		1-PC	COUPLER YOKE	1¼" X 5" X 80" LONG	S.P. C.S-6		Stock									
7	2			—	Frame Bolster													
8	2			—	" " Angles													
9	2			—	" " Plates													
10	3			FUR. BY S.P.	" Bumper—Front	PAGE-8												
11	3			"	" " Back	" 8.												
12	4			—	" Tender Floor													
13	5			—	" " Floor Angles													
14	5			—	" " " Tees													
15	4	✓			" Deck YELLOW PINE	2-PCS. 2" X 12" X 17'-10" 2-" 2" X 12" X 10'-6" 2" 2" X 12" X 5'-8"			Stock Coale Acker									
16	4			—	" " Shovel Plate													
17		9		4	GRIP NUTS	1" HEX.-DRAFT GEAR			Grip Nut Co				10-16-16 90-80			C 12-1-16	12-15-16	
18	5			FUR. BY S.P.	Hose—Tank	PAGE-8												
19																		
20																		
21	4	4		1	Plate—Miss. SAND BOX LID.	¼" X 14½" X 36½" PLATE	S.P. C.S-3		Stock									
22		4		2	" " " SIDE	¼" X 23¾" X 56	S.P. C.S. 3											
23	5	4		1	~~Signal Fixtures~~ SAND BOX BOTTOM	¼" X 18" X 36	S.P. C.S-3											
24	3			—	Slack Adjuster													
25	5			—	Steam—Heat													
26	3			FUR. BY S.P.	Springs—Truck -TENDER	PAGE-8												
27	3				" "													
28	3	4		1	" Buffer	TO SOU. PAC. DWG. A.L. 1234	S.P. C.S-17		RY. STEEL SPG. CO.									
29	3	4		2	" Coupler CENTERING	3½" O.S.D. ½" STEEL 6 COILS 5⅝" FREE HEIGHT	S.P. C.S-17.						10-12-16 90-77					
30	3			FUR. BY S.P.	" Draw (DRAFT)	PAGE 8												
31																		
32	2	✓		1-SET	Tank—Water—Plate	M.O. 470-D-172-B	S.P. C.S-3		Carnegie				10-12-16 90-75 & 76					
33	2	"		1-"	" " Angles	" 470-D-172-B	S.P. C.S-25		Stock									
34	2	"		1-"	" " Tees	" 470-D-172-B	S.P. C.S-25		Carnegie				10-12-16 100-71					
35	5	"		1-"	" " Beading	" 470-D-172-B			Stock									
36	5	5		1-PC	" Valve Strainers	SHEET COPPER #12 B&S. GAUGE 9" X 56"												
37	5	"		1-PC.	" " Gaskets	" " #12 B&S " 11" X 26½"	a 10/17		Amer. Brass Co.				10-30-16 90-86					
38	5	"		26	" " "RIVETS	¼" DIA. ½" LONG ROUNDHEADS - COPPER			W. J. Hungerford Bro's				10-30-16 90-87			C 12/26/16	1/2/17	
39		8		1	TANK COCK	CD. 47007-STY. 1			Wm Powell Co.				11-6-16 90-90	3rd Cm				
40	2	5		1-SET	Tank—Oil—Plate	M.O. 1462-B	S.P. C.S-3		Carnegie				10-12-16 90-74					
41	2	"		1-"	" " Angles	" 1462-B	S.P. C.S-25		Stock									
42	2	"		1-"	" " Tees	" 1462-B	S.P. C.S-25		Carnegie				10-12-16 100-71					
43		"		1-"	" " STRAINER	" 1462-B			Clev. Wire Cloth				10-18-16 100-76					
44	2			FUR. BY S.P.	Truck Bolsters	PAGE-8												
45	5			FUR. BY S.P.	" Brake Beams & HEADS	PAGE-8												
46	5			"	" " Shoes	" 8												
47	2			—	Trucks—													
48	1	6		4	" ~~Channels~~ ANGLES	5" X 3" X ½" - 89' LONG	S.P. C.S-25		Carnegie				10-12-16 100-71					
49	2	6		4	" ~~Plates~~ TIE BARS	⅝" X 6" X 82" LONG	S.P. C.S-6		Stock									
50	3			S.P.	" Wheels	PAGE-8												
51	3			—	" Tires													
52	3	7		4	" Axles	M.O.-1366	S.P. C.S. 1	REV. 4-27-15	Carnegie Steel Co				9-20-16 90-63			C 12/12/16	12/21/16	
53	4			S.P.	" Boxes COMPLETE	PAGE-8												
54	4			—	" " Lids													
55	4			—	" " Wedges													
56	5			S.P.	" " Dust Guards	PAGE-8												
57	2			S.P.	" Side Frames	" 8												
58				"	" " BEARINGS	" 8												
59				—	Waste													
60		x		36 FT.	ASBESTOS FIRE FELT PIPE COVERING,	FOR 2" STEAM HEAT PIPE.			H.W. Johns M. Co				90-157 6/19		45%	6/28/17	6/28/17	
61																		

PAGE 8. ORDER SHEET

SPECIALTIES, SPECIFICATIONS & SCHEDULES {LIST OF ARTICLES TO BE FURNISHED BY S. P. RR. CO FOR EACH MIKADO-ENGINE CLASS-M.K 5 WITH 9000 GAL. ~~EXTRA~~ CYLINDRICAL TENDER

Loco. No. 5422.23 Purchaser Date Delivery Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Article	Description	Special Material Spec. No.	Special Material Date Accepted	Ordered From Name	Ordered From Address	Requisition No.	Requisition Date	Pur. Dept. Order No. Date	Date Required	Date Promised	Date Invoice	Date Received	Tracing Reference
1				1-SET	FLEXIBLE STAYBOLT	{PER. LIST ON S.P. DRAWING D.L. 1466 G COMPLETE WITH SLEEVES, CAPS. & NUTS	S.P.R.R. (SPEC. L-160-B)	REISSUE 12-30-15 ~~5-30-14~~					9-11-16 90-5					
2				4	DRIVING TIRES FRONT & BACK	FOR ROAD ENG'S CLASS M.K. 5 PER. S.P.R.R. DRAWING A.L. 1320-E	S.P.R.R. C.S. 15	REISSUE 5-14-09	{NOTE: TIRES LESS THAN 5 1/2" WIDE, OR MORE THAN 5 9/16" WIDE WILL NOT BE ACCEPTED									
3				4	" " INT. & MAIN	FOR ROAD ENG'S CLASS. M.K. 5 " " " " " A.L. 1320-E	S.P.R.R. C.S. 15	REISSUE 5-14-09					9-11-16 90-6					
4				2	TRAILING "	FOR. ROAD ENG'S CLASS M.K. 5 PER SP. RR. DRAWING " A.L. 1320-E	S.P.R.R. C.S. 15	REISSUE 5-14-09										
5				8	DRIVING SPG'S. F.B. INT. & M.	" " " " " " A.L. 1327-B	S.P.R.R. C.S 17											
6				2	TRAILER TRK. SPG'S.	" " " " " " A.L. 1336-C	S.P.R.R. C.S. 17						9-11-16 90-7					
7				4	ENG TRK SPGS	PER. S.P.R.R. DRAWING A.L.-1321-A.	S.P.R.R. C.S-17											
8				3	TRAILING TRK. SPG'S	" " " " " " A.L. 1166-A	S.P. C.S.-17											
9				2	DRIVING BOX BRASS (MAIN)	" " " " " " A.L. 1107-B.	S.P. C.S-12	REISSUE 1-29-15										
10				2	TRAILER TRUCK "	" " " " " " A-L 1137-C	S.P. C.S-12	REISSUE 1-29-15					9-11-16 90-8					
11				2	ENG TRUCK "	" " " " " " A-L 1354-D	S.P. C-S-12	" 1-29-15										
12				6	DRIVING BOX " (F.I. & B)	" " " " " " AL 1316-B	S.P. C-S-12	" 1-29-15										
13				2	ENG TRUCK WHEELS	" " " " " " B.L. 1097-B	S.P. C.S. 69						9-11-16 90-9					
14				1-SET	{AIR BRAKE EQUIPMENT	M.K-63 26/28-218-S- OR MK. 5 (CYLINDRICAL TENDER WITH 9000 GAL.	S.P. L-1	REV. 6-19-14										
15					(MAN'FG. BY WESTINGHOUSE AIR BRAKE CO	(THIS SCHEDULE INCLUDES BOTH OPERATING & FOUNDATION PARTS	"						9-11-16 90-10					
16				1	BELL RINGER (VILOCO) COMPLETE		S-P.T L.3	REV. 4-27-11					9-11-16 90-11					
17				8	DRIVER BRAKE SHOES	28 1/2" RAD. S.P.R.R. DRAWING # A.L. 1398-C.							9-11-16 90-12					
18				1	FRONT BUMPER	PER S.P.R.R. DRAWING # B.L.-1168-C.	S.P C.S-14						9-11-16 90-13					
19				1	(CLIMAX SHORT STEM) COUPLER	" " " " " A.L. 1683-A.	S.P. C.S. 21						9-11-16 90-14					
20				1	McLAUGHLIN FLEXIBLE METAL CONDUIT 3/4 (COMPLETE)	PER. S.P. DRAWING B.L.-1399-C.												
21				1	" " " " 1 1/2" (")	PER. S.P. DRAWING C.L-1301-B							9-11-16 90-15					
22				1	" " " " 2" (")	PER. S.P. DRAWING C.L-1199-B												
23				2-SET	2" PAXTON MITCHELL VALVE STEM PACKING (")	PER. S.P. DRAWING C.L. 1698-A.	FOR SUPERHEATED STEAM		FUR. OIL CUPS COMPLET FOR VALVE STEM PACKING on 1/4				9-11-16 90-16					
24				2-"	4" " " PISTON ROD PACKING (")	PER. S.P. DRAWING C.L. 1695-A.			on 2/11									
25				1-"	WRENCHES COMPLETE	TO S.P.R.R. DRAWING C.L. 1692 AND	S.P. L-166						9-11-16 90-17					
26				1	WHISTLE 6" CHIME	" " " " " " C.L. 10090							9-11-16 90-18					
27				1	WATER GLASS-KLINGER REFLEX #5-H (COMPLETE)	TO S.P. DRAWING (C.A 7606)	S.P. L-27	REISSUE 3-9-11					9-11-16 90-19					
28				1-SET	SAFETY VALVES (COMPLETE)	FOR ROAD ENGINES CLASS M.K 5	S.P. L-158						9-11-16 90-20					
29				1-"	COMPLETE AIR SANDERS)	FOR ROAD ENGINES CLASS M.K. 5 (TO S.P. DRAWING O.L-1546)							9-12-16 90-21					
30				1	HANDLAN-BUCK-HEADLIGHT CASE (COMPLETE)	PER S.P. DRAWING C.L. 1452-B							9-12-16 90-22					
31				2	TRAIN NUMBER INDICATING LAMPS FOR TRAIN NUMBERS (COMPLETE)	PER. S.P. DRAWING C.L. 1374-B							9-12-16 90-23					
32				2-SET	TRAIN NUMBERS INDICATOR-LETTERS, FIGURES & GLASS (")	PER S.P. DRAWING C.L. 1375-B							9-12-16 90-24					
33				1-"	TRAIN NUMBER LETTERS & NUMBER CASE (")	PER. S.P. DRAWING A.L. 1362-B.			on 1/13				9-12-16 90-25					
34	+			1	5 FEED TYPE 166-BULLSEYE LUBRICATOR (")	S.P. DRAWING-C-L-10281 & C.L. 10282	{COMPLETE WITH LUBRICATOR & BOILER VALVE		SPRR Co C.L. 10070				9-12-16 90-26					
35				2	STEAM GAUGES (COMPLETE WITH FITTING)	PER S.P. DRAWING A.L. 1771-B							9-12-16 90-27					
36				1	(RUSHTON) THROTTLE VALVE (COMPLETE)	PER S.P. DRAWING A.L. 1675-A.							9-12-16 90-28					
37				~~1-SET~~	~~SUPERHEATER EQUIPMENT (COMPLETE)~~		~~S.P. L-163-A.~~	~~REV. 12-1-15~~					9-12-16 90-29					
38				1-"	(COMPLETE) FEED WATER EQUIPMENT		S.P. L-154	REV 6-22-14					9-12-16 90-30					
39				1-"	(") ELECTRIC HEADLIGHT "		S.P. L-155	REV 9-15-14					9-12-16 90-31					
40				2	GUIDE OIL CUPS-COMPLETE		S.P. L-167						9-12-16 90-32					
41				1-SET	(COMPLETE) FRANKLIN DRIVING BOX LUBRICATOR #3	{FOR ROAD ENGINES CLASS MK-5 S.P. DRAWING C.L. 1038 C & C.L. 1033-C.							9-12-16 90-33					
42				1-"	(COMPLETE) STEAM HEAT EQUIPMENT		S.P. L-22 1/2	REV. 3-18-13					9-12-16 90-34					
43				1-"	(") " " GAUGE & FITTINGS		S.P. L-23	REV. 5-6-10					9-12-16 90-35					
44				1-"	(") LESLIE REDUCING VALVE & FITTINGS		S.P. L-24	REV. 4-15-09					9-12-16 90-36					
45				8	TENDER TRUCK BRASS	PER S.P. DRAWING A.L. 1227-A.	S.P C.S-12	REV. 1-29-15					9-11-16 90-8					
46				4	BRAKE BEAMS & HEADS CRECO #2	PER S.P. DRAWING B.L. 1728							9-12-16 90-38					
47				8	" SHOES	" " " C.L. 1743							9-12-16 90-37					
48				1	END SILL FRONT	" " " C.L. 1279-B	S.P. C.S.14	REV. 7-15-15					9-12-16 90-39					
49				1	" " BACK	PER. S.P.R.R. DRG. C.L.-1277-B	S.P. C.S-14	"					9-30-16 90-66					
50				1	CLIMAX COUPLER 5" X 7" SHANK	PER S.P. DRAWING C.F-3103-A	S.P. C.S. 21	REV. 7-15-15					9-12-16 90-40					
51				1-SET	DRAFT RIGGING COMPLETE		S.P. L-6	REV. 12-31-08					9-12-16 90-41					
52				8	DUST GUARDS TENDER HARRISON	PER S.P. DRAWING A.L. 1299							9-12-16 90-42					
53				2	TANK HOSE-3" INSIDE DIA. X 48" LONG	PER. S.P. DRAWING. A.L. 1451-A	S.P. C.S-5	REV. 5-28-15					9-12-16 90-43					
54				8	TENDER JOURNAL BOXES 6X11" (COMPLETE	" " " C.L. 1225-C	S.P C-S-18						9-12-16 90-44					
55				2	" SIDE BEARING (MINER GRAVITY ROLLER 5" HIGH)	PER. S.P. DRAWING C.L. 1222							9-12-16 90-45					
56				4	" TRK. SPRING	PER. S.P. DRAWING A.L. 1235-A.	S.P. C.S-17						9-11-16 90-7					
57				2	DRAFT SPRINGS	" " " A.L 1236	S.P. C.S-17											
58				—														
59				2	TRUCK BOLSTERS (SIMPLEX)	PER S.P. DRAWING C.L. 1247-A AND	S.P. L-165-A	REV. 12-1-15					9-12-16 90-46					
60				4	TENDER TRUCK SIDE FRAMES (ANDREWS)	PER S.P. DRAWING B.L.-1705-C	S.P. C.S.-14		WHEEL NO'S (T 503) TO (T 518) INCLUSIVE				9-12-16 90-47					
61				8	" " WHEELS (33")	PER S.P. DRAWING B.L. 1201	S.P. C.S.-69		MARKING IN ACCORDANCE WITH S.P. PT. BL-1302-C				9-11-16 90-9					

NOTE Where items on other Pages of this order sheet are marked (Furnished by R.R.Co.) it will be understood that they are included (in this list of articles furnished by the Sou. Pac. R.R.Co and appear on this (Page 8)

STEAM METAL CASTINGS

EXTRA

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Article	Description	Special Material: Spec. No.	Special Material: Date Accepted	Ordered From: Name	Ordered From: Address	Requisition: No.	Requisition: Date	Pur. Dept. Order: No.	Pur. Dept. Order: Date	Date Required	Date Promised	Date Invoice	Date Received	Tracing Reference
1				1	Angle Valve	Pat # 23747 Steam Metal													
2				1	" " Cap	" 23729 " "													
3				1	" " Valve	" 23728 " "													
4				1	Dynamo Valve	" 23689 " "													
5				1	" " Cap	" 23706 " "			Cancelled 5/5										
6				1	Blower Valve	" 23711 " "													
7				1	" " Cap	" 23712 " "													
8				1	Oil Burner Valve	" 23709 " "													
9				1	" " " Cap	" 23710 " "													
10				1	Coal Sprinkler Valve	" 23721 " "			Buckeye Brass Castg Co.										
11				1	" " " Cap	" 23710 " "													
12				1	Water Gauge Drip Valve	" 23709 " "						3-22-17							
13				1	" " " " Cap	" 23710 " "					90-121								
14				1	Oil Heater Valve	" 23709 " "													
15				1	" " " Cap	" 23710 " "													
16				1	" " Drain Valve	" 23721 " "													
17				1	" " " " Cap	" 23710 " "													
18				1	Water Gauge Upper Fitting	" 23624 " "													
19				1	" " " " Nut	" 23625 " "													
20				1	" " " " Stem	" 23627 " "													
21				1	" " " " Nut	" 23626 " "			Buckeye										
22				1	" " Lower Fitting	" 23629 " "													
23				1	" " " " Nut	" 23625 " "					90-122								
24				1	" " " " Stem	" 23627 " "						3-23-17							
25				1	" " " " Nut	" 23626 " "													
26				1	Oil Tank Steam Valve	" 550-P-21 " "													
27				1	" " " " Body	" 23713 " "													
28				1	" " " " Cap	" 550-P-20 " "													
29				1	" " " "	" 550-P-21 " "													
30				1	" " " " Body	" 23722 " "			Buckeye										
31				1	" " " " Cap	" 550-P-20 " "						3-27-17							
32				1	Dynamo Valve	" 550-P-21 " "					90-124								
33				1	" " Body	" 23713 " "													
34				1	" " Cap	" 550-P-20 " "													
35				1	Blower Valve Body	" # 23707 " "													
36				1	" " Cap	" # 23708 " "			Buckeye		90-125	3-30-17							
37				4	Cylinder Cocks	" # 23356 " "													
38				3	Water Gauge Cocks	" # 23434 " "													
39				3	" " " Nut	" # 23436 " "													
40				1	Turret (Steam)	" # 23613 " "													
41				1	" " Valve	" # 23619 " "													
42				1	" " " Neck	" # 420-P-205 " "			Buckeye		90-128	4-3-17							
43				1	" " " " Nut	" # D-13659 " "													
44				1	" " " Stem	" # 23618 " "													
45				2	Water Gauge Extension	" # 23504 " "													
46				1	Blowoff Extension	Pat # 23489 " "													
47				1	Blower Fitting	" # 23534 " "													
48				1	" " Cap	" # 23518 " "													
49				1	" " Plug	" # 23535 " "			Buckeye		90-129	4-4-17							
50				2	" " Nuts	" # 23519 " "													
51				1	" " Nut (Check)	" # 23522 " "													
52				2	" " Sleeve	" # 23520 " "													
53				1	" " Extension	" # 23521 " "													
54				1	Oil Burner	" # 380-P-11 " "													
55				1	Oil Feed Cock	" # 24037 " "													
56				1	" " Cap	" # 24038 " "													
57				1	" " Plug	" # 24039 " "													
58				2	Blowoff Cock Body	" - 23599 " "			Buckeye		90-131	4-11-17							
59				2	" " " Cap	" - 23597 " "													
60				2	" " " Valve	" - 23598 " "													
61				2	" " " Nut	" - 23600 " "													
62				2	" " " Choke	" - 550-P-31 " "													

STEEL CASTINGS Ohio

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Piece	Pattern Number	Requisition No.	Requisition Date	Pur. Order Number	Pur. Order Date
1	3			1	Air Drum Support	23176	S.P. C.S. 14	REV. 7-15-15	90-119	
2	3			4	" " "	23179	S.P. C.S. 14	REV. 7-15-15	3-22-17	
3	3				" Pump Bracket					
4	3				Bumper—Front					
5	3				" Knees					
6	3				Coupler					
7	3				" Knuckle					
8	3				" Lock					
9	3				Crank Pin Collar					
10	3			2	Crosshead	23994	S.P.RR C.S.14	REV 7-15-16	4-12-17 90-113	
11	3			—	" Gibbs					
12	3			2	" Lugs	23263	S.P.RR C.S.14	REV 7-15-16	4-12-17 90-113	
13	3			2	Crosstie FRAME BRACE	230-P-4	S.P. C.S.14	REV. 7-15-15	90-68	10-2-16.
14	3			1	" WAIST SHEET	23174	S.P. RR. C.S. 14	REV 7-15-15	90-103	2-28-17
15	3			1	" BRACE	230-P-5	"	"	90-155	9/18/17
16	3				"					
17	3				"					
18	3			2	Cylinder Head—Front REV.-7-15-15 S.P.R.R. SPEC. C.S. 14	20-P-7				
19	3			2	" " Back REV.-7-15-15 S.P.R.R. SPEC. C.S. 14	20-P-8			90-67	10-2-16.
20	3			—	Dome—Auxiliary					
21	3				Drawbar Casting					
22	3			2	Driving Box MAIN	180-P-19	S.P. C.S. 14	REV 7-15-15	90-69	10-4-16
23	3			6	" " F.I.&B	180-P-16	S.P. C.S. 14	REV. 7-15-15	90-72	10-6-16.
24	3			4	" " Saddle	240-P-5	S.P. C.S. 14	REV 7-15-15		
25	3			2	" " "	240-P-6	"	"	90-68	10-2-16.
26	3			2	~~Eccentric—Main~~ " " "	240-P-4	"	"		
27	3				" Small Pieces					
28	3				" Strap—B. Pcs.					
29	3				" " Main					
30	3				" Crank					
31	3			1	Equalizer—Front	23252	S.P.R.R. C.S. 14	REV. 7-15-15	90-119	3-22-17
32	3				" Main 90-155 6/18					
33	3			+2	" Back (CROSS) CENTERING BRACKET	23968	S.P.R.R. C.S. 14	REV 7-15-15	100-120	4-5-17
34	3				" Cross					
35	3				" Fulcrum					
36				1	MOTION BEARER	23175	S.P.R.R. C.S. 14	REV. 7-15-15	90-114	3-15-17
37	3			2	Eng. Truck Box	23929	S.P. RR C.S. 14	REV 7-15-15	90-100	2-24-17
38	3			1	" " Bolster	23934	"	"	90-126	4-3-17
39	3				" " Center Pin					
40	3				" " Pedestal					
41	3				" " " Cap					
42	3				" " Swing Frame					
43	3				" " " Link					
44	3				" " Center Plate					
45	3				" " Radius Bar End					
46										
47	3			1	Foot Plate	280-P-3	S.P. C.S. 14	REV. 7-15-15	90-66	10-2-16.
48	2			1	Frame—Right BACK RAIL	810-P-8	S.P. C.S. 14	REV. 7-15-15		
49	2			1	Frame—Left " "	810-P-9	S.P. C.S. 14	REV 7-15-15	90-72	10-6-16.
50	3				" Filling					
51	3			1	Front Deck Castings	280-P-4	S.P. C.S. 14	REV. 7-15-15	90-68	10-2-16.
52	3			2	Furnace Bearer Knees	24332	"	"	90-123	
53	3			1	" " ~~Pad~~	23357	"	"		3-23-17
54	3				Guide Yoke					
55	3			1	" " Knee (FRAME X TIE	230-P-6	S.P. C.S. 14	REV. 7-15-15	90-72	10-6-16
56	3			2	" " Wing	90-P-7	"	"	90-112	3-13-17
57				2	FRAME-FRONT RAIL-BOT	810-P-10	S.P. C.S. 14	REV. 7-15-15	90-73	10-9-16.
58	3			4	Link CHEEKS	23177	"	"	90-114	3-15-17
59	3			2	" Bearing	23257	"	"		
60				2	FRAME (MAIN)	810-P-7	S.P. C.S. 14	REV. 7-15-15		
61				2	" RAILS-FRONT	810-P-6	S.P. C.S. 14	REV 7-15-15	90-72	10-6-16.

STEEL CASTINGS

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Piece	Pattern Number	Requisition No	Requisition Date	Pur. Order Number	Pur. Order Date	
1	3			—	Link Cheeks						
2											
3	2			1	Mud Ring	750-P-6 on 5/15 ~~23958~~	S.P.R.R C.S. 14	REV 7-15-15	90-112	3-13-17	
4											
5	3				Pedestal Binder						
6	3				" "						
7	3				Piston Head						
8				1	POWER REVERSE CYLINER SUPPORT	130-P-12	S.P.R.R. C.S.14	REV 7-15-15	90-153	6-12-17	
9	3				Reach Rod Jaws						
10											
11	3			—	Steam Chest						
12	3			—	" " Cap						
13				2	AIR RESERVOIR BRKT.	23180	S.P. C.S.14	REV. 7-15-15	90-119		
14				1	" " "	23947	S.P. C.S.14	REV 7-15-15		3-22-17	
15	3			2	Trailing Truck Box	440-P-22	S.P. C.S. 14	REV. 7-15-15	90-81	10-16-16.	
16	3				" " Bolster						
17	3				" " Center Plate						
18	3				" " " Pin						
19	3				" " Centering Spg. Case						
20	3				" " Spring Seat						
21	3				" " Frame						
22	3				" " Pedestal						
23	3				" " " Cap						
24	3				" " Saddle						
25	3				" " Swing Link						
26	3				" " Rad. Bar						
27	3				" " " " End						
28	3				" " Side Bearing						
29	3				" " Fulcrum						
30	3				Turret—Main						
31				2	TRAILER TRUCK BOX CELLAR	440-P-25	SPRR CS14	REV 7/15-17	← CISION 5422-23, MILIONFUT WORK		Ohio 7-3-17 90-167
32	3			2	Valve Chamber Head—Front REV. 7-15-15 S.P.R.R. SPEC. C.S. 14	40-P-14 ~~23328~~			90-67	10-2-16.	
33	3			2	" " " Back REV. 7-15-15 S.P.R.R. SPEC. C.S. 14	40-P-12 ~~[illegible]~~					
34	3			4	Wheel Center—Driving F & B Card 170-D-146	23932	S.P.R.R. C.S. 14	REV 7-15-15			
35	3			2	" " " I Card "	23933	S.P.R.R C.S. 14	"	90-103	7-28-17	
36	3			2	" " " M Card "	23098	S.P.R.R C.S. 14	"			
37	2				" " Eng. Truck						
38	2			2	" " Trailing Truck CD-430-D-32	23763	S.P.R.R C.S. 14	REV. 7-15-15	90-103	2-28-17	
39											
40	3				Miscellaneous						
41				1	CHAFING PLATE	23187	S.P.R.R C.S. 14	REV. 7-15-15	90-109	3-7-17	
42											
43											
44											
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STEEL CASTINGS

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Piece	Pattern Number	Requisition No.	Requisition Date	Pur. Order Number	Pur. Order Date
1	3			—	Tender Coupler Pocket					
2	3			—	" Draft Gear Check Cast					
3	3			—	" " " Cylinder Support					
4	3			—	" Buffer Casting					
5	3			—	" Chafing Casting					
6	3			—	" Frame Filling					
7	3			1	" " ~~Bolster~~ CORNER BRACKET	23970	S.P. C.S-14	REV. 7-15-15		
8	3			1	" " Corner Bracket	23971	S.P C.S-14	" "	90-81	10-16-16
9	3			2	" " Center Plate	23687	S.P C.S-14	REV 7-15-15	90-78	10-12-16.
10	3			2	" " Side Bearing	23686	S.P C.S-14	REV. 7-15-15	90-81	10-16-16
11	3			1	" " Draw Casting—Front	23965	S.P. C.S-14	REV 7-15-15	90-78	10-12-16
12	3			1	" " Spring Buffer	460-P-14 ~~21781~~	S.P. C.S-14	REV. 7-15-15	90-81	10-16-16.
13	3			—	" " " " Case					
14	3			1	" " Draw Casting—Back	23680	S.P. C.S-14	REV 4-15-15	90-109	3-7-17
15	3			—	" Truck Bolster					
16	3			—	" " Center Plate					
17	3			—	" " Spring Seat					
18	3			—	" " Column					
19	3			—	" " Brake Lever Ful.					
20	3			—	" " " Dead Lever Ful.					
21	3			8	" " Journal Box Wedge	24018	S.P C.S.-14	REV. 7-15-15	90-78	10-12-16.
22				6	" HAND RAIL FLANGES	23767.			90-162	6/22/17

STEEL CASTINGS

Loco. No. | Purchaser | Date Delivery | Date Order Received

Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Piece	Pattern Number	Requisition No.	Requisition Date	Pur. Order Number	Pur. Order Date	
			1	Exhaust Pipe	24009	Ordered from Champion Iron Works.				
			1	Gauge Cock Dripper.	23941	"	"	"	"	"
			1	Dry Pipe Elbow	23408	"	"	"	"	"
			1	Tube Sheet Ring	23409	"	"	"	"	"
			1	Joint Ring (Throttle Pipe)	27732	"	"	"	"	" 90-152
			1	Eng Truck Center Pin Bushing	23253	"	"	"	"	" 6-17-17
			1	Throttle Lever Fulcrum	23543	"	"	"	"	"
			1	Whistle Arm	22887	"	"	"	"	"
			2	" Shaft Bearing	22885	"	"	"	"	"
			2	Eng Truck Box Cellar.	23930	"	"	"	"	"
			1	Tender Step Back R	23681	"	"	"	"	"
			1	" " " L	23682	"	"	"	"	"
			1	" " Front R	23683	"	"	"	"	" 90-160
			1	" " " L	23684	"	"	"	"	" 6-20-17
			1	Brake Pawl Weight	23735	"	"	"	"	"
			1	Tank Well	23703	"	"	"	"	"
			2	Centering Spring Guide	21081	"	"	"	"	"

MALLEABLE CASTINGS S.P.R.R. Spec C.S. 18

all L.M.–CAM Pattern Number to appear in raised letters on finished Casting

Loco. No. | Purchaser | Date Delivery | Date Order Received

	Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Piece	Pattern Number	Requisition No.	Requisition Date	Pur. Order Number	Pur. Order Date
1	3			—	Auxiliary Turret					
2	3			—	Bell Rope Eye					
3	3			—	" " Thimble					
4	3			—	Cab Door Fixtures					
5	3			—	" " "					
6	3			1	" VENTILATOR HANDLE (CAM. 5458)	23672 ✓	S.P.R.R. C.S. 18		90-104	3-2-17
7	3			4	" " STOP (CAM. #62 88	500-P-36 ✓	S.P.R.R. C.S. 18			
8	3			—	" Window Fixtures					
9	3			—	" " "					
10	3			1	ANGLE VALVE NUT (CAM. 6581)	23730 ✓	S.P.R.R. C.S-18			
11	3			1	" " " (" 6580)	23731 ✓	S.P.R.R. C.S-18		90-104	3-2-17
12	3			1-R	~~Clamps~~ SIGNAL LAMP BRACKET (L.M. 4242)	520-P-29 ✓	"			
13	3			1-L	" " " " (L.M. 4243)	520-P-30 ✓	"			
14	3			—	Cylinder Head Casing Clip					
15	3			—	Connecting Rod Stub Washer					
16	3			—	Drip Funnel					
17	3			1	Handle—~~Ash Pan Damper Work~~ STEAM TURRET EXTENSION (CAM-5300)	23615	S.P.R.R. C.S. 18		90-127	4-3-17
18	3			—	" Sand Box Rod					
19	3			4	" ~~Cylinder Cock Rod~~ (CAM.-5442)	23646 ✓	S.P.R.R. C.S. 18			
20	3			3	" ~~Whistle Rod~~ GAUGE COCK (CAM. 5298)	23437 ✓	S.P.R.R. C.S. 18			
21	3			~~?~~ 5	" 3/4" ~~Throttle~~ ~~DYNAMO STEAM VALVE~~ VALVES (CAM 5299)	23628 ✓	"		90-104 ✓	3-2-17.
22	3			1	" Valve BLOWER - (CAM 5298)	23437 ✓	"			
23	3			1	" ANGLE VALVE 1½" (CAM 5298)	23437 ✓	"			
24	3			2	" WATER GAUGE (CAM 5299) ←	23628 ✓	"			
25	3			3	" ~~Hinges~~ POWER REVERSE VALVE. {C.A.M. 5299}	23628 OK 2/7	"		90-158	6/19/17 ←
26	3			1	"STEAM TURRET HANDLE (CAM 5300)	23615 ✓	S.P.R.R. C.S. 18		90-104	3-2-17
27	3			—	Jaws—Cylinder Cock Rod					
28	3			—	" Sand Box Rod					
29	3			6	~~Whistle Rod~~ JACKET CLIPS (CAM. 7801)	23578 ✓	S.P.R.R. C.S. 18		90-104	3-2-17
30	3			6	Jacket Clips (CAM. 7802)	23576 ✓	"			
31	3			—	Lamp Brackets					
32	3			—	" "					
33	3			2	Oil Cup ~~Caps~~ TRAILER TRUCK (L.M. 4268)	220-P-21 ✓	S.P.R.R. C.S. 18			
34	3			1	" " BODY BELL RINGER (L.M. 4260)	220-P-22 ✓	"			
35	3			1	" " VALVE BELL " (L.M. 4261)	220-P-23 ✓	"		90-105	3-2-17
36	3			2.	" " ENG. TRUCK (L.M. 4263)	220-P-24 ✓	"			
37	3			4	" " REVERSE LINK (L.M. 4270)	220-P-25 ✓	"			
38	3			4	" " STEAM CHEST VALVE CROSSHEAD GUIDE (L.M. #4269)	220-P-26 ✓	"			
39	3			—	" " "					
40	3			—	Plate					
41	3			1	AIR PIPE TEE (CAM. 7177)	23225 ✓	S.P.R.R. C.S. 18		90-105	3-2-17
42	3			—	Reverse Lever Handle					
43	3			1R	Signal Fixtures (LAMP BRACKET) (L.M. 4244)	520-P-27 ✓	S.P.R.R. C.S. 18		90-105	3-2-17
44	3			1L	" " (" ") (L.M. 4245)	520-P-28 ✓	"			
45	3			—	" "					
46	3			2	"FEED PIPE "HOSE SLEEVE (CAM 5513)	23748 ✓	S.P.R.R. C.S. 18			
47	3			1R	Smoke Box Front ~~Buttons~~ DOOR HINGES (CAM 5419)	320-P-7 ✓	"		90-105	3-2-17
48	3			1L	" " " ~~Nuts~~ " " (CAM 5420)	320-P-8 ✓	"			
49	3			—	Sprinkler Hose Nipple					
50	3			—	Step					
51	3			1	"SAFETY CUT OUT PULLEY BRACKET (L.M. 4254)	380-P-6 ✓	S.P.R.R. C.S. 18		90-105	3-2-17
52	3			1	"STEAM TURRET ELBOW (CAM 8295)	420-P-46 ✓	"			
53	3			—	Throttle Lever Latch					
54	3			—	" " Handle					
55	3			—	" " Quadrant					
56	3			—	Torches					
57	3			—	Turret Elbow					
58	3			—	Valve Rod Clamp					
59	3			~~15~~	" Chamber Head Cover Clip					
60				15	PLUG CASING (CAM 6356)	23746 ✓	S.P.R.R. C.S. 18		90-105	3-2-17
61										

MALLEABLE CASTINGS Lima Steel

Loco. No. | Purchaser | Date Delivery | Date Order Received

Order Precedence	Check Column	Date Added Information Draft Room	Number Required	Name of Piece	Pattern Number	Requisition No.	Requisition Date	Pur. Order Number	Pur. Order Date	
3			—	Tender Clamps						
3			—	" "						
3			—	" "						
3			—	" "						
3			—	" "						
3				" Draft Gear Cylinder Support						
3			—	Tender Hinges						
3			—	" "						
3			—	" "						
3			—	" "						
3			—	" "						
3			—	" Spring Seat						
3			—	" " "						
3			—	" Step						
3			—	" "						
3			—	" "						
3			—	" "						
3			1	" Signal Fixtures C.A.M. 5029	20879	S.P. C.S-18				
3			1	" " " C.A.M 5030	20878	S.P. C.S-18		90-82	10-16-16.	
3			1	" LANTERN HOOK C.AM 5037	20687	S.P. C.S-18				
3			—	" " "						
3			—	" " "						
3		✓	~~2~~	~~Tender Tank Valve ~~Nut~~ HANDLE C.AM. 5440~~	~~D-13601~~	~~S.P C.S-18~~				
3		✓	~~2~~	" " ~~Sleeve~~ GOOSE NECK	~~20704~~	S.P C.S-18		90-82	10-16-16.	
3			—	" " Hose Nut						
			1	TANK MEASURING ROD FLANGE	470-P-16	N.M.C		90-106	3-2-17	
3			—	" Truck Column						
3			—	" " "						
3			—	" " Dead Lever Anchor						
3			—	" " Journal Box Wedge						
			~~6~~	HAND RAIL FLANGE	~~23767~~	S.P C.S-18				
			1	" BRAKE WHEEL C.CM-43	23414	S.P C.S-18		90-163	6/22	order Nat Mall-
			2	TRAILING TRUCK BOX CELLARS (C.A.M. 8074)	440-P-25	S.P C.S-18		90-82	10-16-16.	MAKE OF CAST STEEL ON 5422-23 M.I. ON ALL FUT LOCOS.
			2	" " " LIDS (C.A.M 7889)	440-P-17	S.P C.S-18				
			2	STEAM PIPE SLEEVE (CAM. 9401)	23219 ✓	"				
			2	" " " (CAM. 8892)	23164 ✓	"				
			4	" " " BOTTOM (CAM ~~23220~~ 94081)	23220 ✓	"				
			8	" " CASING CLIPS. (CAM 7361)	23952 ✓	"				
			10	GREASE PLUGS (SIDE & MAIN ROD) C.A.M. 5248)	220-P-5 ✓	"		90-106	3-2-17	
			10	" " NUTS (" ") C.A.M. 5249)	220-P-6 ✓	"				
			2	" " ECC. ROD (C.A.M 5248)	220-P-5 ✓	"				
			2	" " NUTS " " (C.A.M 5249)	220-P-6 ✓	"				
			1	SUPER. DAMPER CYL. ARM (C.A.M 8912)	940-P-9 ✓	"				
			1	" " ARM C.A.M 8919 -	940-P-6 ✓	"				
			1	BLOW OFF PIPE CAP (LM. 4239)	420-P-139 ✓	"				
			1	COAL SPRINKLER VALVE HANDLE (C.A.M. 5442)	23646	"		90-121	3-22-17	MADE OF BR ON 5422-23 TO BE M.I. ON FUT ENG.
			1	FIRE DOOR THUMB NUT	380-P-10	"	← (STOCK)			
			1	BLOWOFF VALVE HANDLE	23437.	"				MADE OF BRASS ON 5422-23. TO BE M.I. IN FUTURE - 8-31-17.

LED 46

2 orders

BILLET LIST No. 5422 -A- 5/25-17.

ENGINE ORDER No. 5422-23 —

Steel

NUMBER OF BILLETS	SIZE AND WEIGHT		MAKES	USED FOR	MATERIAL SPECIFICATION NUMBER
1	~~7" x 7" x 900~~	lb.	2-FRONT 2-BACK 2-INTER	CRANK PINS	SOUTHERN PACIFIC # C.S. 2
2	9½" x 9½" x 500	lb.	2 MAIN	" Stock "	" " "
9-28-16 2	6½" x 6½" x 385	lb.	2	PISTON RODS	Southern Pacific # C.S. 2
~~4~~	~~5" x 7" x 675~~	lb.	4	GUIDE BARS	Southern Pacific # C.S. 2
		lb.		" "	
2	10" x 6" x 1250	lb.	2	MAIN RODS	Southern Pacific # C.S. 2
2	5" x 17" x 525	lb.	2 BACK	PARALLEL RODS	" " # C.S. 2
2	5" x 17" x 535	90-48 lb.	2 FRONT	" "	" " # C.S. 2
2	7" x 21" x 1600	lb.	2 INTER	" "	" " # C.S. 2
1	6" x 6" x 790	lb.	2	ROD END STRAPS	" " # C.S. 2
Andrews Steel Co		lb.	— to	RR Spec " C.S.2	& inspection
—		lb.		" " "	
1	9" x 9" x 830	90-49 lb.	1	TRAILER CROSS EQUALIZER (REAR) W.I.	S.P.R.R. C.S. 6
1	8" x 8" x 675	lb.	1	" " " (FRONT) W.I.	S.P.R.R. C.S. 6
2	4½" x 8" x 560	lb.	2	(BACK) SIDE EQUALIZER W.I. S.P.R.R.	C.S. 6
Andrews Steel Co.		lb.		to our #7 -	70 insp
		lb.			

REMARKS:

order Steel to our Spec

#7 - carbon between .08 & .14

HG

NO. PCS.	

20-D-338 EQUIPMENT SHEET

LIMA LOCO. CORPORATION, LIMA, OHIO DATED 1-11-17

DRAWN	TRACED	CHECKED
BAK	BAK	BAK

APPROVED

M. E.

REVISED

NOTE: ALL WRENCHES EXCEPT THOSE ORDERED, ARE TO BE FURNISHED BY. SOUTHERN PACIFIC. R.R.

#5422
#5424

to you under date of February 5th, regarding malleable and steel castings for their locomotives. We wrote you on January 15th, giving the information required, and asking you to take up all this correspondence for Mr. Mahl through this office. Will you kindly be governed accordingly.

No. Pc's.	ITEM	S.P.R.R. DRG. #	LIMA CD. #	MADE IN SHOP OR PURCHASED	REMARKS
1	CHISELS	CA. 3348	520-D-69	MADE IN SHOP	ORDERED ON INDEX
1	HAMMERS	CA. 3349	520-D-330	PURCHASED	—
1	TALLOW POT	CA. 3323	520-D-318	" (Johnson Mfg Co.)	3-21-17 90-115
1	2 GAL. OIL CAN	CA. 3324	520-D-319	Johnson Mfg Co.	3-21-17 90-115
1	LONG SPOUT OIL CAN	CA. 3325	520-D-331	" (Johnson Mfg Co.)	3-21-17 90-115
1	TORCH - BODY.	CA. 3347	520-D-55	MADE IN SHOP	BRASS TUBING ORD. ON ORDER SHEET
1	" CAP	"	"	" " "	ORDERED ON INDEX
1	" COLLAR	"	"	" " "	" " "
1	" SPOUT	"	"	" " "	BRASS TUBING ORD. ON ORDER SHEET.
1	" BASE	"	"	" " "	ORDERED ON INDEX.
1	PINCH BAR	CA. 2869	520-D-76	" " "	" " "
1	FUSEE, FLAG & TORPEDO BOX	BL. 1350	500-D-145	" " "	MATERIAL ORD. ON ORDER SHEET.
1	JACK, "BUDA" CONE BEARING #122	CA. 6779	—	PURCHASED (Buda)	3-21-17 90-116
1	SAND SCOOP	AL-1693	520-D-335	Johnson	90-115 3-21-17
1	" FUNNEL	"	520-D-334	" (Johnson)	90-115 3-21-17
1	12" MONKEY WRENCH	CA-3302	520-D-328	Bemis & Call	90-117 50%
1	18" " "	"	520-D-332	" (Bemis & Call)	—
1	ALLIGATOR WRENCH	"	520-D-329	Roebling's Sons	90-118 70%
1	DRAW HOOK (FOR FRANKLIN CELLAR)	AL-1034.	520-D-92	MADE IN SHOP	ORDERED ON INDEX.

520-D-338 EQUIPMENT SHEET

LIMA LOCO. CORPORATION, LIMA, OHIO DATED 1-11-17

DRAWN BAK | TRACED BAK | CHECKED BAK | APPROVED | M. E.

REVISED

NOTE: ALL WRENCHES EXCEPT THOSE ORDERED, ARE TO BE FURNISHED BY SOUTHERN PACIFIC R.R.

#5422
#5424

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LIMA LOCOMOTIVE WORKS, INC.
SUCCESSOR
LIMA LOCOMOTIVE CORPORATION
30 CHURCH STREET
NEW YORK CITY

OFFICE OF
VICE PRESIDENT

February 7, 1917.

SOUTHERN PACIFIC

LIMA LOCOMOTIVE WORKS, INC.
RECEIVED
FEB 8 - P.M.
REFERRED TO

Mr. Breckenridge -

I am today in receipt of Mr. Mahl's letter to you under date of February 5th, regarding malleable and steel castings for their locomotives. We wrote you on January 15th, giving the information required, and asking you to take up all this correspondence for Mr. Mahl through this office. Will you kindly be governed accordingly.